App No.: 10/573,261 Docket No.: 1248-0862PUS Inventor: Tetsunori MITSUOKA et al. Title: FIXING METHOD, FIXING DEVICE, AND IMAGE FORMING APPARATUS REPLACEMENT SHEET Docket No.: 1248-0862PUS1

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F1G. 4

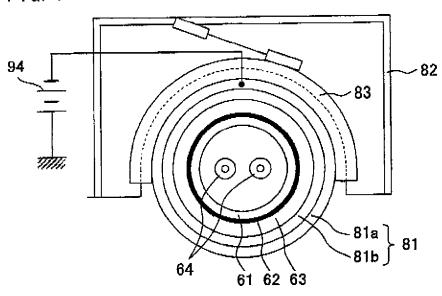
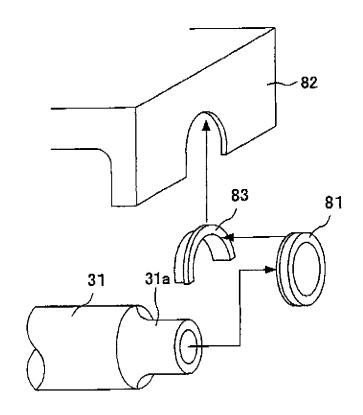


FIG. 5



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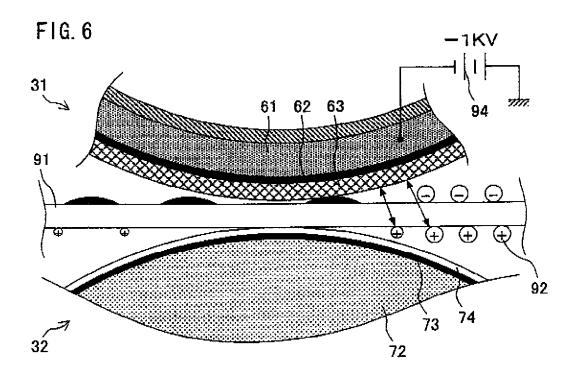


FIG. 7

VOLUME RESISTIVITY (Ω·om) OF SURFACE INSULATING LAYER OF FIXING ROLLER	VOLUME RESISTIVITY (Ω·cm) OF SURFACE RESISTIVE LAYER OF PRESSURE ROLLER	POLARITY OF REVERSE POLARITY TONER	FIXING BIAS VOLTAGE (V)	DEGREE OF CONTAMINATION (O、ム、×)
10 ¹⁷ ~10 ¹⁹ Ω·cm	10 ¹² Ω·cm	+	-500	Δ
10 ¹⁷ ~10 ¹⁹ Ω·cm		+	-1000	0
$10^{17} \sim 10^{19} \Omega \cdot cm$	10 ¹² Ω-cm	+	-1500	0
$10^{17} \sim 10^{19} \Omega \cdot cm$	10 ¹² Ω·cm	+	-2000	
$10^{17} \sim 10^{19} \Omega \cdot cm$		+	+500	×
$10^{17} \sim 10^{19} \Omega \cdot cm$		+	-500	O
$10^{17} \sim 10^{19} \Omega \cdot cm$		+	-1000	0
10 ¹⁰ ~10 ¹² Ω·cm		+	-500	×

O: SLIGHTLY CONTAMINATED

A: MODERATELY CONTAMINATED

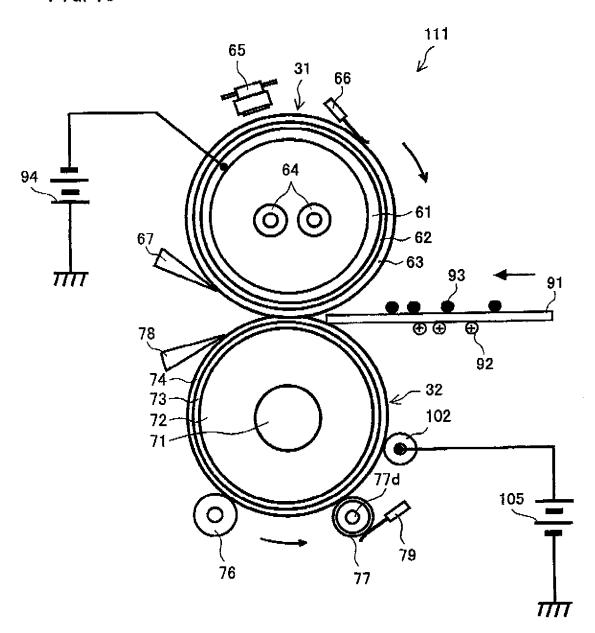
×: TERRIBLY CONTAMINATED

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FIG. 10



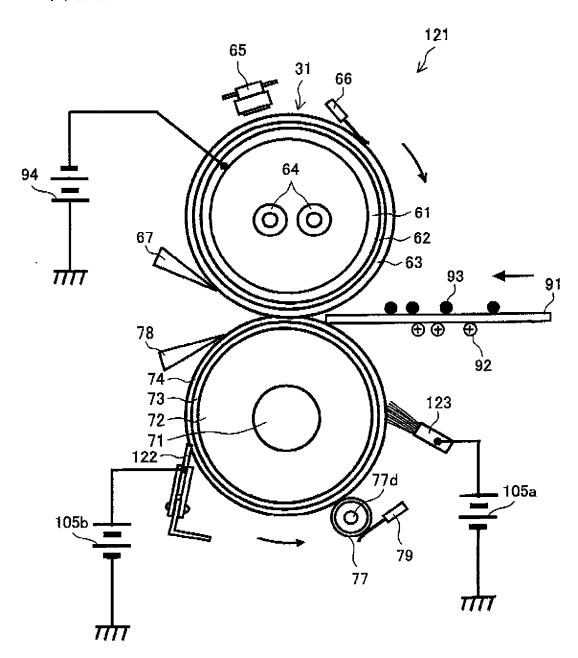
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FIG. 11



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FIG. 12

